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I hereby certify that this TRANSMITTAL is being deposited with the U.S. Postal Service; with sufficient postage, as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on this 15<sup>th</sup> day of November, 2002.

Typed or Printed name of person signing this certificate:  
Wendy A. Frick

O I P

Signed: Wendy A. Frick



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PATENT TRADEMARK OFFICE

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TECH CENTER 1600/2900

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	)	Examiner: Chunduru, Suryaprabha
Madou, et al.	)	
	)	
Serial No.: 09/905,041	)	Art Unit: 1637
	)	
Filed: July 13, 2001	)	
	)	
For: <b>MULTIMERIC BIOPOLYMERS AS</b>	)	Attorney Docket No.: 22727/04096
<b>STRUCTURAL ELEMENTS AND</b>	)	
<b>SENSORS AND ACTUATORS IN</b>	)	
<b>MICROSYSTEMS</b>	)	

Assistant Commissioner for Patents  
Washington, D.C. 20231

TRANSMITTAL OF RESPONSE TO RESTRICTION REQUIREMENT

Sir:

Transmitted herewith are the following:

1. Response to Restriction Requirement;
2. Preliminary Amendment; and
3. A Return Receipt Postcard.

It is believed that no further fee is required relating to the filing of this Response. If this is not the case, the Patent Office is hereby authorized to charge any related fee to Deposit Account No. 03-0172. A duplicate copy of this sheet is attached.

Respectfully submitted,

Date: November 1, 2002

By:

Pamela A. Docherty  
Pamela A. Docherty, Reg. No. 40,591  
(216) 622-8416

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Assistant Commissioner for Patents  
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PRELIMINARY AMENDMENT

Dear Sir:

Please amend the above-described application as follows:

IN THE CLAIMS

1. (Once Amended) A synthetic multimeric biopolymer comprising two or more monomeric units selected from the group consisting of proteins, polypeptides, nucleic acids, peptide nucleic acids, and combinations thereof;

wherein said monomeric units are the same or different and are linked to each other;

wherein at least one of said monomeric units comprises a binding region for an analyte;

wherein said multimeric biopolymer changes its three-dimensional conformation in response to binding of the analyte to said binding region, and

A1

SUB

B1